STARVIEW
Quality Digital Products

S1812 Micro Satellite Receiver

Thank you for choosing the Starview S1812 Micro Satellite Receiver for your satellite television requirements.
This receiver has been programed for the New Zealand FREEVIEW system on the satellite Optus D1 the current satellite used by SKY Television and Freeview.

NO TUNING of the S1812 is required to get the standard Freeview channels as the current line up of Freeview channels have been pre-programed as of JULY 2010.
You will be able to connect to a satellite dish aligned to the satellite Optus D1 and start enjoying digital TV.

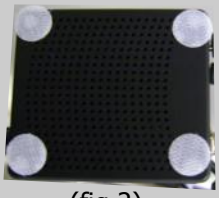
However there are many settings with satellite television, so this guide has been written to help with the basics.
If you require more advanced information please refer to the other manual supplied with the S1812, or you may have to contact your installation technician or supplier. We know you will enjoy your S1812 Micro Satellite Receiver.

Setting up & Connecting Cables

Once you open your box please make sure you have all the correct parts.
Remote Control , S1812 Receiver , AV Cable , IR Extension , 12V Lead , 230V Plug Pack, (fig 1)
Batteries and Velcro Dots + Cable ties.

(fig 1)

If you intend to mount on the rear of a TV, Please choose a location away from any heat.
DO NOT mount the S1812 over any air vents, or directly above air vents.
We recommend running your television for 1 hour before mounting the receiver to find a cool location.
Once a location has been selected place a velcro dot on each corner of the receiver over the screw holes (fig 2)



(fig 2)

Now you can connect all cable's before sticking to the TV.
Connect the IR extension cable (this should be placed facing your seating position as this is where signals from the remote control are received)
Connect the AV cable to the AV inputs on your TV matching colour to colour.
Connect the satellite cable (this is a screw connection - DO NOT use a tool for this only your fingers).
Then connect the power connection - either the 12V lead or the 230V plug pack depending on your power choice.

Power

AV IR Satellite

Once you have connected all cables then you can attach to the TV using the velcro dots, there is also 1 velcro dot so you can attach the IR receiver to the front of the TV, there is also a couple of cable ties so you can tie the cables neatly back. Refer to the sample mounting below.

Safety Note:

It is advised when not in use that you turn the power off at the wall socket for your S1812 and your Television, This will save you money and prolong the life of your equipment & also for safety.

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Once you power the S1812 up. Go to the correct AV channel on your TV, you should be able to see the television channel running, if you don't and you have a no signal message on the screen, then you may have to change your LNB freq.
If you have no pictures and no on screen display you may not have your connections correct or may not be on the correct AV channel. Please refer to your television manual on how to connect AV cables and select AV channels.
If you have the No Signal (fig 3) and your connection to the satellite dish is correct - then you may have to change the LNB Frequency

LNB Frequency's - a quick overview and how to change

The receiver unit on the end of a satellite dish is called an LNB
This converts the signal from the satellite to a signal you can send down coax cable to the satellite receiver.
There are 2 main LNB's used in New Zealand. 11300 & 10750
The S1812 has been pre-programed for use with the 10750 LNB.
This is compatible with the dual & quad LNB system's currently being installed by SKY Television.
Most installations and satellite dish's are now using the 10750 LNB (also labeled 10.75).
This number will be printed on all quality LNB's.

If you have an older style of LNB it may be a 11300 (or 11.3) then you will just have to change the LNB setting in the S1812 to get signal.

NOTE: If you have pictures or a 10750 LNB then you do NOT need to adjust this setting.

To change LNB Frequency.

Press 'MENU' button on the remote control.
Select Satellite Menu using the left and right buttons.
On the satellite menu select 'Edit Satellite' and press 'OK'
Highlight 'Freq1 <10750>' and press the right arrow button , this will change the 'Freq1 to 11300'
Then press 'EXIT' button 2 times to exit.

Note
LNB Type should be STANDARD

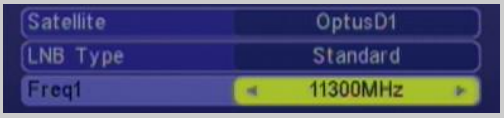
Automatic search for channels

To search for new channels on Freeview or from other providers there is an auto search function.
Press 'MENU' on the remote and use the arrow buttons to select the 'Satellite' menu as per (fig 4) Now highlight 'Auto Scan' and press the 'OK' button or (press the 'AUTOSCAN' button on the remote).
Highlight 'Search <Free>' then press 'OK' button (fig 7)
This will now search for any free to view channels available on the selected satellite.
This may take a couple of minutes, once new channels have been found press 'OK' to save
Press 'EXIT' twice to exit and watch TV again.
NOTE: , When you do an auto scan the receiver may find temporary channels or feeds - these channels may only work on a satellite for hours or days, just enjoy these channels while they are working, only the Freeview channels are full time channels.

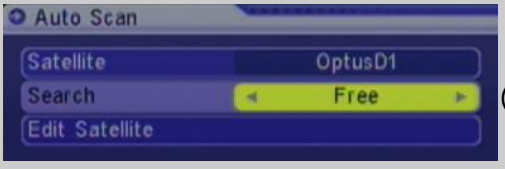
(fig 3)

(fig 4)

(fig 5)



(fig 6)



(fig 7)

(fig 8)

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Move Channels

If you would like to move the channels into a different order.

While watching TV press the 'OK' button on the remote, this will bring up the current channel list. Highlight the channel you wish to move, ie STRATOS then press '2' on the remote.
Now move the channel up or down using the arrow buttons on the remote.
When you have the channel where you want it press '2' on the remote again and the channel will lock into place

Press 'Exit' when you have finished moving channels.

(fig 9)

Delete Channel

As per Move Channel, use the same method but press the '1' button on the remote this will select the channel ready for deletion.
Once you have selected all the channels you wish to delete press 'MENU' on the remote and choose 'OK' to save.
- the channel/s you marked will now be deleted.

(fig 10)

Satellite Finder Function

Press the 'INFO' button on the remote control.
This will bring up the satellite finder function
- This is to help you align your satellite dish.

On this screen you will get Signal Intensity bars , Signal Quality Bars ,Tuner Status etc,

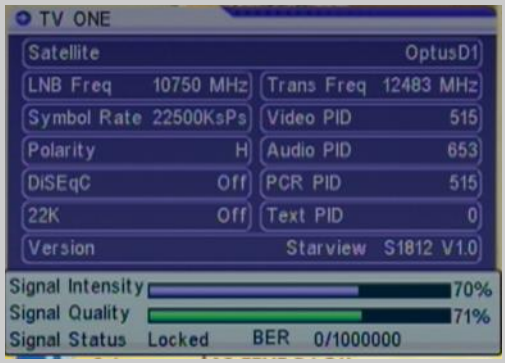
SIGNAL INTENSITY:
This is the strength of the satellite signal being received
all satellite dishes will give a level of signal even if you are not aligned to the satellite.
So this bar should be giving you a reading if connected to a satellite dish correctly. (fig 12)
If you have an empty signal intensity then you may have a connection problem or a faulty LNB (fig 13)

SIGNAL QUALITY:
Once you align onto the correct satellite your signal quality will increase and the Signal Status will become 'Locked' . (Fig 11)

Now all you have to do is get the highest Signal Quality by peaking your satellite dish (refer to your dish instructions on how to do this)
Then enjoy Digital TV.

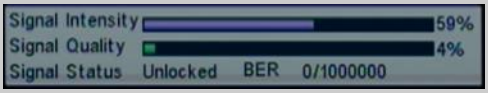
BER: -Bit Error Rate

Note: a poorly aligned dish will give low Intensity & Quality, you will also get errors in the data which will be shown by bad pictures or the BER value will be greater than 0/1000000 , if this BER is greater >0 then you may have to check the alignment of your satellite dish



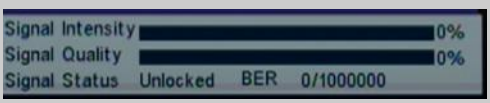
(fig 11)

Dish aligned and working correctly



(fig 12)

LNB / Dish connected but not aligned to correct satellite



(fig 13)

LNB / Dish not connected or cable - LNB fault

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Quick Satellite Alignment Tip

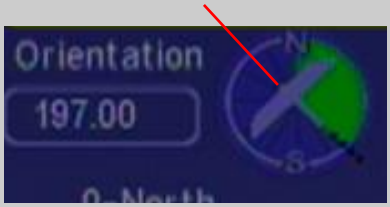
Set the elevation of your satellite dish to the correct elevation for your location. (this changes across NZ)
Approx 35 Degrees Invercargill , 38 Degrees Christchurch , 40 Degrees Wellington , 45 Degrees Auckland.
Refer to your charts or use the built in guide.

Start with your dish facing NORTH, and very slowly pan towards the WEST (Left) until you have signal and quality as per above section. (fig 11)
Tips, Make sure your mount is perfectly straight and there is nothing between you and the satellite. ie no trees or buildings,

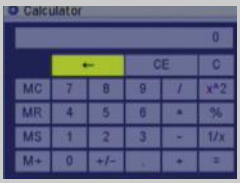
Built in Guide for Finding Elevation

The S1812 has a built in guide to find the best elevation for your area.

Press 'MENU' on the remote, and select the 'TOOLS' menu.
Here you can enter the satellite guide screen.
Enter your longitude reading, and your latitude reading,
Then enter 160.00 for the Satellite (Optus D1)
Highlight 'START and press 'OK', this will then give you your elevation value.
The orientation as shown on the screen is for the northern hemisphere only, for New Zealand it is the mirror image of that shown,
When done press 'MENU' to Exit. (fig 14)



(fig 14)



Calendar
You can access a CALENDAR feature by going to the 'TOOLS' menu.
Use the arrow keys to select different days, to change month highlight the month and use up / down buttons to change.

Calculator
By accessing the 'TOOLS' menu there is also a calculator.
Use arrow buttons to select numbers and + - = etc as per a normal calculator
Press 'MENU' to exit.

Multi Picture,
By pressing the 'GREEN' (multi picture) button on the remote you can flick between different channels by just using your remote control arrow buttons.

RADIO,
By pressing the 'TV/RADIO' (labeled □/♫) button this will switch you between TV channels and digital radio channels.

Factory Default

If the need arises where you are advised to factory default the S1812.
Then you do this under the 'System Menu', highlight 'Default Value' and press 'OK', Select 'OK' when asked to Load default value.
This will now return the S1812 back to its factory default settings.

NOTE:
After you default the S1812 it will return the LNB setting back to 10750